Course Syllabus

Code - Course Title	**ECZ927 - The Role of the Pharmacist in Dermatology, Dermocosmetics, and Plastic Surgery**
Course Type	X. SEMESTER
Laboratory + Practice	1+0
ECTS	**1.5**
Language of Instruction	Türkçe
Course Type	Specialization Courses
Course Instructor(s)	, İLKER ALTUNDAĞ

Mode of Delivery	Face to face learning.
Prerequisites	There is no prerequisite or co-requisite for this course.
Recommended Resources	S. Rollas, (2020) İlaç Metabolizması, Medipol Üniversitesi Yayınları.K. Faber, (2011) Biotransformations in Organic ChemistryS. Khojasteh, H. Wong, C.E.C.A. Hop, (2011) Drug Metabolism and Pharmacokinetics Quick Guide
Work Placement	None.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to Plastic Surgery: Why Should Pharmacists Know About Plastic Surgery?	
Week - 2		Skin Anatomy and Physiology: The Skin Through the Eyes of a Plastic Surgeon	
Week - 3		Wound Healing and Wound Care	
Week - 4		Scar, Hypertrophic Scar and Keloid Management	
Week - 5		Burns and Post-Burn Skin Care	
Week - 6		Skin Cancers and the Role of Plastic Surgery	
Week - 7		Acne and Acne Scars: From Dermatology to Plastic Surgery	
Week - 8		Spots, Photoaging, and Sunscreens	
Week - 9		Anti-aging and Dermocosmetic Actives	
Week - 10		Botulinum Toxin: From Pharmacology to Aesthetic Application	
Week - 11		Dermal Fillers and Biomaterials	
Week - 12		Peeling, Laser and Energy-Based Treatments	
Week - 13		Patient Care After Aesthetic – Plastic Surgery	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		The Plastic Surgery Patient from a Pharmacist's Perspective: Clinical Case and Decision Making	

Learning Outcomes

#	Learning Outcome
1	It explains the basic anatomical and physiological characteristics of the skin, the functions of the skin barrier, and the main goals of dermocosmetic products.
2	This text describes wound healing, burn and scar formation processes, and the properties of wound care products, antiseptics, and topical agents used in these conditions.
3	This section evaluates pharmacological and dermocosmetic approaches used in the treatment of acne, acne scars, pigmentation problems, and photoaging.
4	This text describes the properties and uses of sunscreens and dermocosmetic active ingredients such as retinoids, peptides, niacinamide, hyaluronic acid, and antioxidants.
5	This section evaluates the basic characteristics, usage principles, side effects, and potential complications of botulinum toxin and dermal fillers.
6	This document explains the basic principles of pre- and post-treatment skin care in chemical peels, laser, and energy-based treatments.
7	Medications and dermocosmetic products used after aesthetic and plastic surgery are evaluated in terms of wound care, swelling, bruising, and sun protection.
8	This study evaluates the pharmacist's role in dermatology, dermocosmetics, and plastic surgery, including recommending appropriate products, assessing drug/product safety, identifying risk factors, and referring patients to physicians when necessary.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.